

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 113709 | "414"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:33 |
| L2 | 1737067 | exchang\$3 or transfer\$5 | US-PGPUB; USPAT | OR | ON | 2006/06/19 08:33 |
| L3 | 16519 | L2 and 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:34 |
| L4 | 2175 | 1 and (transfer near (object or wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:34 |
| S1 | 2 | "20040263823" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 11:50 |
| S2 | 22 | ("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 11:50 |
| S3 | 9 | ("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518"). PN. | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:54 |
| S4 | 1454 | 355/75.ccls. | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:58 |
| S5 | 5741 | load adj lock | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:59 |
| S6 | 1629258 | exchang\$3 or transfer\$5 | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:59 |
| S7 | 5156 | S5 and chamber | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:59 |

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|-----|------|---|---|----|-----|------------------|
| S8 | 4094 | S6 and S7 | US-PGPUB; USPAT | OR | ON | 2005/12/05 11:59 |
| S9 | 28 | S4 and S8 | US-PGPUB; USPAT | OR | ON | 2005/12/05 14:39 |
| S10 | 2 | ("5559587").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 14:39 |
| S11 | 3 | ("5571560" "5876280").PN. OR ("6399518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/05 14:46 |
| S12 | 0 | ("2004/0109152").URPN. | USPAT | OR | ON | 2005/12/05 14:48 |
| S13 | 12 | ("20010035942" "20020002946" "20020074635" "20020081175" "20030082466" "5217501" "5376212" "5474641" "5486080" "5748827" "5958198" "6778258").PN. OR ("6927842"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/05 14:49 |
| S14 | 2 | "20040263823" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 09:28 |
| S15 | 1 | S14 and chamber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 09:55 |
| S16 | 2 | ("6778258").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/06 09:56 |
| S17 | 2 | ("20030082466").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/06 11:28 |

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|-----|------|--|---|----|-----|------------------|
| S18 | 2 | ("5486080").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/06 11:29 |
| S19 | 0 | S18 and (temperat\$5 or therm\$4 or heat or cool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 11:42 |
| S20 | 5 | ("5217501").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/06 11:42 |
| S21 | 5 | S20 and (temperat\$5 or therm\$4 or heat or cool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 11:59 |
| S22 | 9345 | (therm\$4 adj treat\$5) with (wafer or object or substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:01 |
| S23 | 0 | S20 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:00 |
| S24 | 17 | ((("20030082466") or ("5376212") or ("20020081175") or ("5486080") or ("20040109152") or ("20010035942") or ("5969441") or ("6399518"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/06 12:01 |
| S25 | 4344 | S22 and "17" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:01 |

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|-----|---------|--|---|----|----|------------------|
| S26 | 0 | S22 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:01 |
| S27 | 2108 | (therm\$4 adj treat\$5) near (wafer or object or substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:01 |
| S28 | 0 | S24 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/06 12:01 |
| S29 | 3051 | 355/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:01 |
| S30 | 1455 | 355/75.ccls. | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:19 |
| S31 | 158278 | "430"/\$.ccls. or "250"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:19 |
| S32 | 5742 | load adj lock | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:24 |
| S33 | 1630333 | exchang\$3 or transfer\$5 | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:24 |
| S34 | 5157 | S32 and chamber | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:24 |
| S35 | 4095 | S33 and S34 | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:24 |
| S36 | 277 | S31 and S35 | US-PGPUB; USPAT | OR | ON | 2005/12/07 08:24 |
| S37 | 1 | "20050264777" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/08 10:35 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S38 | 90149 | "399"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/08 10:47 |
| S39 | 2 | ("6144826").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/08 10:47 |
| S40 | 2 | ("20040263823").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 16:00 |
| S41 | 1 | S40 and (load near lock near chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:00 |
| S42 | 2 | "20040263823" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S43 | 22 | ("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S44 | 9 | ("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN. | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S45 | 1547 | 355/75.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S46 | 6137 | load adj lock | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S47 | 1737067 | exchang\$3 or transfer\$5 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S48 | 5508 | S46 and chamber | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S49 | 4392 | S47 and S48 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S50 | 38 | S45 and S49 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S51 | 2 | ("5559587").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S52 | 3 | ("5571560" "5876280").PN. OR ("6399518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 10:09 |
| S53 | 0 | ("2004/0109152").URPN. | USPAT | OR | ON | 2006/06/15 10:09 |
| S54 | 13 | ("20010035942" "20020002946" "20020074635" "20020081175" "20030082466" "5217501" "5376212" "5474641" "5486080" "5748827" "5958198" "6778258").PN. OR ("6927842"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 10:09 |
| S55 | 2 | "20040263823" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S56 | 1 | S55 and chamber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S57 | 2 | ("6778258").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S58 | 2 | ("20030082466").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S59 | 2 | ("5486080").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S60 | 0 | S59 and (temperat\$5 or therm\$4 or heat or cool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S61 | 5 | ("5217501").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S62 | 5 | S61 and (temperat\$5 or therm\$4 or heat or cool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S63 | 9874 | (therm\$4 adj treat\$5) with (wafer or object or substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S64 | 0 | S61 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S65 | 17 | ((("20030082466") or ("5376212") or ("20020081175") or ("5486080") or ("20040109152") or ("20010035942") or ("5969441") or ("6399518"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S66 | 4683 | S63 and "17" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |

EAST Search History

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|-----|---------|--|---|----|----|------------------|
| S67 | 0 | S63 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S68 | 2241 | (therm\$4 adj treat\$5) near (wafer or object or substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S69 | 0 | S65 and S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S70 | 3143 | 355/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S71 | 1547 | 355/75.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S72 | 163535 | "430"/\$.ccls. or "250"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S73 | 6137 | load adj lock | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S74 | 1737067 | exchang\$3 or transfer\$5 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S75 | 5508 | S73 and chamber | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S76 | 4392 | S74 and S75 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S77 | 308 | S72 and S76 | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:09 |
| S78 | 2 | "20050264777" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |

EAST Search History

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|-----|-------|--|---|----|-----|------------------|
| S79 | 91996 | "399"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S80 | 2 | ("6144826").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S81 | 2 | ("20040263823").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 10:09 |
| S82 | 1 | S81 and (load near lock near chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:09 |
| S83 | 1547 | S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:14 |
| S84 | 92 | S83 and @pd>"20051206" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:38 |
| S85 | 10 | S84 and (load near lock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:40 |
| S86 | 482 | ((load near lock) AND ((process\$3 or project\$3) near chamber)). CLM. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 10:41 |

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|-----|-------|--|---|----|-----|------------------|
| S87 | 482 | ((load near lock) AND ((process\$3 or project\$3) near chamber)).CLM. | US-PGPUB; USPAT | OR | ON | 2006/06/15 10:41 |
| S88 | 3 | ((load near lock) AND ((process\$3 or project\$3) near chamber) AND (object\$3 near handl\$3)).CLM. | US-PGPUB; USPAT | OR | ON | 2006/06/15 13:20 |
| S89 | 151 | ((load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot)).CLM. | US-PGPUB; USPAT | OR | ON | 2006/06/15 13:33 |
| S90 | 45 | ((load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot) and support).CLM. | US-PGPUB; USPAT | OR | ON | 2006/06/15 13:47 |
| S91 | 2 | ("5486080").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 13:34 |
| S92 | 37 | ("3901183" "4008683" "4282924" "4695215" "5083896" "5186594" "5404894").PN. OR ("5486080").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 13:38 |
| S93 | 5 | ("5217501").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 13:38 |
| S94 | 35 | ("4915777" "4923584" "4938691" "5015330" "5067218").PN. OR ("5217501").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 13:43 |
| S95 | 2 | ("5376212").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 13:43 |
| S96 | 22 | ("4785962" "4825808" "4851101" "4908095" "5217501").PN. OR ("5376212").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 13:46 |
| S97 | 20843 | (tokyo near electron).as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 13:47 |

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|------|-------|--|---|----|----|------------------|
| S98 | 51 | ((load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot) and support) and S97 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:11 |
| S99 | 64990 | "414"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:11 |
| S100 | 6487 | (load near lock) | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:11 |
| S101 | 832 | S99 and S100 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:11 |
| S102 | 3113 | (load near lock) and ((robot or support) same chamber) | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:12 |
| S103 | 617 | S99 and S102 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:12 |
| S104 | 2370 | (load near lock) and ((project\$4 or process\$3) near chamber) and ((robot or support) same chamber) | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:12 |
| S105 | 546 | S99 and S104 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:12 |
| S106 | 20099 | "355"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:13 |
| S107 | 53479 | "356"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:13 |
| S108 | 128 | S99 and S107 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:13 |
| S109 | 76 | S99 and S106 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:14 |
| S110 | 1547 | 355/75.ccls. | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:14 |
| S111 | 18469 | S99 and "23" | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:14 |
| S112 | 27 | S99 and S110 | US-PGPUB; USPAT | OR | ON | 2006/06/15 14:14 |
| S113 | 2 | "20050129489" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/17 13:45 |